Listing of Claims:

1. (Currently Amended) A radiographing network system ~~for radiographing radiation images,~~ comprising:

a plurality of radiation-image reading ~~apparatus~~ apparatuses to read ~~said~~ radiation images stored in radiation-image storing sheets so as to generate image data sets each of which corresponds to ~~each~~ a respective one of said radiation images; and

a plurality of controllers to register discrimination information sets each of which corresponds to ~~each~~ a respective one of said radiation-image storing ~~sheet~~ sheets;

wherein said plurality of radiation-image reading ~~apparatus~~ apparatuses and said plurality of controllers are coupled to each other to form said network system, and each of said controllers can display a radiation image for confirmation, when it receives an image data set corresponding to said radiation image, said radiation image being one of said radiation images and said image data set being one of said image data sets; and

wherein a radiation-image reading apparatus reads a discrimination information set recorded on a radiation-image storing sheet loaded into said radiation-image reading apparatus, in order to specify a controller, which registered said discrimination information set of said radiation-image storing

sheet, on the basis of said discrimination information set, so as to transmit said image data set, read from said radiation-image storing sheet, to said controller specified by said radiation-image reading apparatus, and wherein each of said radiation-image reading apparatus, said discrimination information set, said radiation-image storing sheet and said controller ~~are~~ is one of said plurality of radiation-image reading ~~apparatus~~ apparatuses, one of said discrimination information sets, one of said radiation-image storing sheets and one of said plurality of controllers, respectively.

2. (Currently Amended) The network system of claim 1, wherein said one radiation-image storing sheet can be loaded into any one of said plurality of radiation-image reading ~~apparatus~~ apparatuses, even if any one of said plurality of controllers registers said discrimination information set of said one radiation-image storing sheet.

3. (Currently Amended) The network system of claim 1, wherein, when said image data set read from said one radiation-image storing sheet cannot be transmitted to said one controller specified by said one radiation-image reading apparatus, said image data set is transmitted to another ~~controller , being~~ one of said plurality of controllers.

4. (Currently Amended) The network system of claim 1, wherein each of said controllers comprises an acquiring section to acquire identification data of an operator who controls ~~a controller concerned~~ one of said controllers, and registers said discrimination information set of said one radiation-image storing sheet in conjunction with said identification data of said operator; and

wherein, when said image data set read from said one radiation-image storing sheet cannot be transmitted to said one controller specified by said one radiation-image reading apparatus, said image data set is transmitted to another controller in which said acquiring section acquires said identification data of said operator coinciding with ~~that in~~ the identification data registered with respect to said image data set.

5. (Currently Amended) The network system of claim 1, wherein each of said controllers registers said discrimination information sets of said radiation-image storing sheets ~~in~~ with respect to a subject in conjunction with ~~subject's~~ subject identification data, and displays a predetermined message ~~, when it receives~~ after receiving said image data sets read from all of said radiation-image storing sheets ~~in~~ with respect to said subject.

6. (Currently Amended) The network system of claim 1, wherein each of said controllers ~~can~~ is adapted to change an order of said image data sets read from said radiation-image storing sheets ~~in~~ with respect to a subject when outputting said image data sets.

7. (Currently Amended) The network system of claim 1, further comprising:

a database section to store a database of recording files, each of which includes said discrimination information set registered by said one controller and controller-discrimination information set corresponding to said one controller;

wherein said database section retrieves said discrimination information set from any one of said plurality of radiation-image reading ~~apparatus~~ apparatuses and returns ~~a~~ one of said recording ~~file~~ files ~~concerned, being one of said recording files~~, and then, said one radiation-image reading apparatus specifies ~~a~~ said controller [[,]] which registered said discrimination information set of said one radiation-image storing sheet, on the basis of said discrimination information set included in said recording file, so as to transmit said image data set, read from said one radiation-image storing sheet, to said one controller specified by said one radiation-image reading apparatus.

8. (Currently Amended) The network system of claim 2, further comprising:

a database section to store a database of recording files, each of which includes said discrimination information set registered by said one controller and controller-discrimination information set corresponding to said one controller;

wherein said database section retrieves said discrimination information set from any one of said plurality of radiation-image reading ~~apparatus~~ apparatuses and returns ~~a~~ one of said recording ~~file~~ files ~~concerned, being one of said recording files~~, and then, said one radiation-image reading apparatus specifies ~~a~~ the controller [[,]] which registered said discrimination information set of said one radiation-image storing sheet, on the basis of said discrimination information set included in said recording file, so as to transmit said image data set, read from said one radiation-image storing sheet, to said one controller specified by said one radiation-image reading apparatus.

9. (Currently Amended) The network system of claim 1,

wherein said controller ~~can~~ is adapted to transmit a recording file, including said discrimination information set registered by said one controller and a controller-discrimination information set corresponding to said one controller, to all of said plurality of radiation-image reading ~~apparatus~~ apparatuses,

and said one radiation-image reading apparatus stores said recording file and transmits said image data set, on the basis of said controller-discrimination information set included in said recording file coinciding with said discrimination information set of said one radiation-image storing sheet.

10. (Currently Amended) The network system of claim 1, wherein said one radiation-image reading apparatus retrieves a coincided recording file ~~in~~ with respect to all of said plurality of controllers by utilizing said discrimination information set of said one radiation-image storing sheet, and transmits said image data set read from said radiation-image storing sheet to ~~a controller~~ one of said controllers having said coincided recording file.

11. (Currently Amended) The network system of claim 1, wherein each of said controllers also registers a radiographing information set including ~~data, such as a~~ at least one of body part data of a subject to be radiographed, ~~a~~ radiographing direction data, radiographing conditions data, ~~etc.,~~ in addition to said discrimination information set of said one radiation-image storing sheet ~~currently~~ utilized for radiographing said subject, and said one controller determines a reading condition for reading said one radiation-image storing

sheet on the basis of said radiographing information set registered by said one controller; and

wherein said one radiation-image reading apparatus acquires said reading condition on the basis of said discrimination information set of said one radiation-image storing sheet, and reads a radiation image stored in said one radiation-image storing sheet under said reading condition acquired, so as to generate said image data set.

12. (Currently Amended) The network system of claim 1,

wherein each of said controllers also registers a radiographing information set including ~~data, such as a~~ at least one of body part data of a subject to be radiographed, ~~a~~ radiographing direction data, radiographing conditions data, ~~etc.,~~ in addition to said discrimination information set of said one radiation-image storing sheet ~~currently~~ utilized for radiographing said subject; and

wherein said one controller applies an image-processing onto said image data set received in conjunction with said discrimination information set of said one radiation-image storing sheet on the basis of said radiographing information set, which coincides with said discrimination information set, so as to output an image-processed image data set.

13. (Currently Amended) The network system of claim 1, wherein said radiation-image reading apparatuses are exclusive type radiation-image reading apparatuses, and each of said controllers controls ~~an~~ one of said exclusive type radiation-image reading ~~apparatus~~ apparatuses, and receives an image data set outputted by said one exclusive type radiation-image reading apparatus, synchronizing with a radiographing operation performed by said one exclusive type radiation-image reading apparatus.